

Mouse Monoclonal Antibody to FCER2

Catalogue Number	sAP-0490
Target Molecule	<p>Name: FCER2</p> <p>Aliases: CD23; FCE2; CD23A; IGEBF; CLEC4J; FCER2</p> <p>MW: 37kDa</p> <p>Entrez Gene ID: 2208</p>
Description	<p>The human leukocyte differentiation antigen CD23 (FCE2) is a key molecule for B-cell activation and growth. It is the low-affinity receptor for IgE. The truncated molecule can be secreted, then functioning as a potent mitogenic growth factor.(supplied by OMIM) . It is expressed on most mature, conventional B cells (but not on peritoneal CD5+ B cells), and can also be found on the surface of T cells, macrophages, platelets and EBV transformed B lymphoblasts. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic Lymphocytic leukemia. CD23 is expressed by B cells in the follicular mantle but not by proliferating germinal centre cells. CD23 is also expressed by eosinophils. CD23 is distinct from the high affinity IgE receptors found on basophils and mast cells, which mediate allergic reactions. The low affinity</p>
Immunogen	Purified recombinant fragment of human FCER2 expressed in E. Coli.
Recitative Species	Human
Clone	MM5B5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Cutan Pathol. 2009 Feb;36(2):206-10. ; 2. Environ Mol Mutagen. 2009 May;50(4):285-90.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**